

ABSTRACT OF THE DISCLOSURE

Path delays experienced by a received signal are estimated for use in, for example, a RAKE receiver. This involves hypothesizing a plurality of path delays. For each of a plurality of measurement time slots and for each of the hypothesized path delays, a measurement based on the received signal is made along with a determination of whether a fade occurred. For each of the plurality of measurement time slots and for each of the hypothesized path delays, the measurement is combined with a corresponding one of a plurality of cumulative metrics only if it was determined that no fade occurred. Then, for each of the plurality of hypothesized path delays, the corresponding one of the plurality of cumulative metrics is used to determine whether the hypothesized path delay corresponds to a real path delay.